



11/17/04

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/801,322
Filing Date	March 16, 2004
First Named Inventor	Alan Leifer et al.
Art Unit	3713
Examiner Name	Y. Cherubin
Attorney Docket Number	200-2(CIP-IIA-CONII)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
YSC		US- 3,919,691	11-11-1975	Noll	
		US- 4,868,549	09-19-1989	Affinito et al.	
		US- 4,477,043	10-16-1984	Repperger	
		US- 4,560,983	12-24-1985	Williams	
		US- 4,604,016	08-05-1986	Joyce	
		US- 5,185,561	02-09-1993	Good et al.	
		US- 4,731,603	03-15-1988	McRae et al.	
		US- 4,791,416	12-13-1988	Adler	
		US- 5,203,563	04-20-1993	Loper, III	
		US- 5,296,871	03-22-1994	Paley	
		US- 5,396,266	03-07-1995	Brimhall	
		US- 5,405,152	04-11-1995	Katanics et al.	
		US- 5,589,854	12-31-1996	Tsai	
		US- 5,643,087	07-01-1997	Marcus et al.	
		US- 5,684,722	11-04-1997	Thorner et al	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
YSC		EPA 0626634 A2	11-30-1994	Matsushita		
		EPA 0607580 A1	07-24-1994	IBM		
		EP 0265011 B1	04-27-1988	Oce Nederland		

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Y. Cherubin

Date
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet

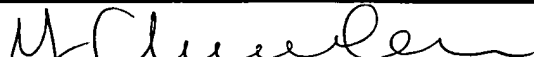
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
YSC		SCOTT MACKENZIE, Multimodal Mouse: A mouse-type device with tactile feedback and force display, Vol 3., No. 1, 1994,	
		WILLIAM D. ATKINSON, et al., Computing with Feeling; Computer and Graphics Vol 2, pp 970103, Great Britain, 1977	
		CHRISTOPHER HASSER, Tactile Feedback for a Force-Reflecting Haptic Display, University of Dayton, Ohio, 1995	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

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First Named Inventor	ALAN E. LEIFER
Art Unit	3713
Examiner Name	
Attorney Docket Number	200-2 (CIP-IIA-CONII)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
Nec		US- 5,959,613	09/28/1999	Rosenberg et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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3/16/04

PTO/SB/08A (02-03)

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<p>Substitute for form 1449/PTO</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center; font-size: 0.8em;">(Use as many sheets as necessary)</p>	<p style="text-align: center; font-weight: bold;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/801322</td> </tr> <tr> <td>Filing Date</td> <td></td> </tr> <tr> <td>First Named Inventor</td> <td>ALAN E. LEIFER</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>200-2 (CIP-IIA-CONII)</td> </tr> </table>	Application Number	10/801322	Filing Date		First Named Inventor	ALAN E. LEIFER	Art Unit		Examiner Name		Attorney Docket Number	200-2 (CIP-IIA-CONII)
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First Named Inventor	ALAN E. LEIFER												
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Attorney Docket Number	200-2 (CIP-IIA-CONII)												
<p>Sheet <u>1</u> of <u>3</u></p>													

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
gxc		US- 4,531,740	07-30-1985	Green et al.	
		US- 4,754,268	06-28-1988	Mori	
		US- 4,716,527	12-29-1987	Graciotti	
		US- 4,858,930	8-22-1989	Sato	
		US- 4,870,389	9-26-1989	Ishiwata et al.	
		US- 4,924,216	5-8-1990	Leung	
		US- 5,605,505	2-25-1997	Han	
		US- 5,632,680	5-27-1997	Chung	
		US- 5,648,797	7-15-1997	Lam	
		US- 5,702,305	12-30-1997	Norman et al.	
		US- 5,714,981	2-3-1998	Scott-Jackson et al.	
		US- 5,759,100	6-2-1998	Nakanishi	
		US- 5,806,849	9-15-1998	Rutkowski	
		US- 5,854,621	12-29-1998	Junod et al.	
		US- 5,855,483	1-5-1999	Collins et al.	
	US- 5,874,944	2-23-1999	Khoury		
	US- 5,881,366	3-9-1999	Bodenmann et al.		
	US- 5,890,964	4-6-1999	Aoki et al.		
✓		US- 5,897,437	4-27-1999	Nishiumi et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature <u>[Signature]</u>	Date Considered <u>1/3/05</u>
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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	2	of	3
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Complete if Known

Application Number	10/801322
Filing Date	
First Named Inventor	ALAN E. LEIFER
Art Unit	
Examiner Name	
Attorney Docket Number	200-2 (CIP-IIA-CONVI)

Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
JSC		us- 5.935.224	8-10-1999	Svancarek et al.	
		us- 5.984.785	11-16-1999	Takeda et al.	
		us- 5,986,644	11-16-1999	Herder et al.	
		us- 5,999,798	12-7-1999	Yang	
		us- 6,008,777	12-28-1999	Yiu	
		us- 6,022,274	2-8-2000	Takeda et al	
		us- 6,078,789	6-20-2000	Bodenmann et al	
		us- 6,144,367	11-7-2000	Berstis	
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		us- 6,279,906	8-28-2001	Sanderson et al.	
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		us- 6,342,010	1-29-2002	Slifer	
		us- 6,415,439	7-2-2002	Randell et al	
		us- 6,480,723	11-12-2002	Davidson et al	
		us- 6,503,147	1-7-2003	Stockdale et al.	
		us- 6,585,596	7-1-2003	Leifer et al	
		us- 6,659,871	12-9-2003	Leifer et al	
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Date
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1 Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/801,322
		Filing Date	
		First Named Inventor	ALAN E. LEIFER
		Group Art Unit	
		Examiner Name	
Sheet 3 of 3	Attorney Docket Number	200-2 (CIP-IIA-CONII)	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JSC		D.R. PAULUZZI, P.R.H. MCCONNELL, R.L. POULIN, Free-space, Undirected Infrared (IR) Voice and Data Communications with a Comparison to RF Systems, MPR Teltech Ltd., 1992, pages 279-285, Canada	
		K.NISHIMAKI, K. HIROHASHI, S. TOGUCHI, M. HARA, A Study for the Optical Module based on IEEE1394, WPM P1.06, 2000, pages 202-203	
		J. MATSUDO, T. NYU, T. SAITO, S. YAMAZAKI, 125 Mbps IR Wireless Link for IEEE1394 Multimedia Home Network, ECOC'98, 20-24 September, pages 343-344, Madrid, Spain	
		C. YOUNG, M. J. DEVANCY, Universal Serial Bus Enhances Virtual Instrument Based Distributed Power Monitoring, 2000, pages 920-924, Columbia, MO	
		KEVIN LYNN, Universal Serial Bus (USB) Power Management, 1997, pages 434-441, San Jose, CA	
		ADRIANA PASKINS, The IEEE 1394 BUS, The Institution of Electrical Engineers, 1997, 6 pages, Published by IEE, Savoy Place, London	

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